

Please type or sign (+) inside this box. → +

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				Complete if Known Application Number 10/602,342 Filing Date June 23, 2003 First Named Inventor Kuo-Liang Hsi Group Art Unit 1723 Examiner Name Ernest G. Therkorn Attorney Docket No. 4266C2	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)					
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant FIGURES Appear SUB
		Number	Kind Code ² (if known)			
EGT	1	4,631,122		Pohl	12-23-1986	204 299R
EGT	2	5,126,025		Carson et al.	06-30-1992	204 180.1
EGT	3	5,520,817		Anahara	05-28-1996	210 656
EGT	4	5,674,388		Anahara	10/1997	210 198.2
EGT	5	6,248,239		Hsi et al.	06-19-2001	210 656

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

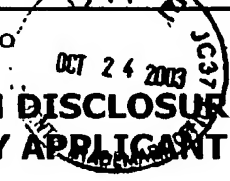
OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EGT	6	Cheng, Y. et al., "Membrane Fraction Collection for Capillary Electrophoresis," <i>Journal of Chromatography</i> . 608:109-116 (1992).	
EGT	7	Cheng, Y. et al., "Post-Capillary Immobilon -P Membrane Fraction Collection for Capillary Electrophoresis," <i>Biotechniques</i> . 14:51-55 (1993).	
EGT	8	Cohen, S.A. et al., "Post-Run Analysis of Proteins Purified by Capillary Electrophoresis with Membrane Fraction Collection," <i>Techniques in Protein Chemistry V</i> . Academic Press, San Diego, pp. 293-302 (1994).	
EGT	9	Eriksson, K. et al., "Preparative Capillary Electrophoresis Based on Adsorption of the Solutes (Proteins) onto a Moving Blotting Membrane as They Migrate out of the Capillary," <i>Analytical Biochemistry</i> . 201:211-215 (1992).	
EGT	10	Fernandez, J. et al., "Internal Protein Sequence Analysis: Enzymatic Digestion for Less Than 10 µg of Protein Bound to Polyvinylidene Difluoride of Nitrocellulose Membranes," <i>Analytical Biochemistry</i> . 201:255 (1992).	

Examiner Signature	Therkorn	Date Considered	3/25/2004
--------------------	----------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 60355_1

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number		10/602,342	
		Filing Date		June 23, 2003	
		First Named Inventor		Kuo-Liang Hsi	
		Group Art Unit		1723	
		Examiner Name		Ernest G. Therikorn	
Sheet	2	of	2	Attorney Docket No.	4266C2

EGT	11	Grimm, R. and Herold, M., "Micropreparative Single Run Fraction Collection of Peptides Separated by CZE for Protein Sequencing," <i>Journal Cap. Elec.</i> 01:79-81 (1993).	
	12	Hawke, D.H. and Yuan, P.M., <i>Applied Biosystems User Bulletin</i> 28: 1-8 (1988).	
EGT	13	Hawke, D.H. and Yuan, P-M., "S-Pyridylethylation of Cystine Residues," <i>Applied Biosystems User Bulletin</i> 28:1-8 (1987).	
EGT	14	Hsi, K-L. et al., "A Practical Approach for Isolation and Characterization of Glycosylation Sites of Glycoproteins Bearing N-and/or O-Linked Carbohydrate Chains," <i>Techniques in Protein Chemistry IV</i> . pp. 143-150 (1993).	
EGT	15	Hsi, K-L. et al., "Development of a Capillary LC Blotting Systems for Low and Sub-Picomole Sequencing Sample Preparation," <i>Protein and Peptide Lett.</i> 4(1):1-8 (1997).	
EGT	16	Kochersperger, M.L. et al., Abstract No. 265-M, <i>Protein Science</i> . 3(1):98 (1994).	
EGT	17	Konse, T. et al., "Blotting Membrane Micropreparation in Capillary Electrophoresis to Evaluate Enzyme Purity and Activity," <i>Analytical Biochemistry</i> . 214:179-181 (1993).	
EGT	18	Murata, H. et al., "On-Line Membrane Blotting of Peptides and Proteins for a Capillary Column," <i>Analytical Biochemistry</i> . 210:206-208 (1993).	
EGT	19	Spellman, W.M. et al., "Carbohydrate Structures of Human Tissue Plasminogen Activator Expressed in Chinese Hamster Ovary Cells," <i>Journal of Biol. Chem.</i> 264(24):14100 (1989).	
EGT	20	Warren, W.J. et al., "Protein Immunodetection Using Capillary Electrophoresis with Membrane Fraction Collection," <i>LC-GC Magazine</i> . 12:22-28 (1994).	
EGT	21	Werner, W.E. et al., "A New Sample Preparation Device for Protein/Peptide Sequencing," Abstract No. 505-M, <i>Protein Science</i> . 4(2):150 (1995).	

Examiner Signature	THERKORN	Date Considered	3/25/2004
--------------------	----------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 60355_1